#2

Nov 1969

RALEIGH AMATEUR RADIO SOCIETY

RARS

WORLDWIDE FRIENDSHIP

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THE AMERICAN RADIO RELAY LEAGUE
RADIOGRAM
VIA AMATEUR RADIO

NUMBER	PLACE OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
1	W4OKR	24	Raleigh, N.C.	11:30	Nov. 7

To Govenors of the other 49 states
(list attached)

THIS RADIO MESSAGE WAS RECEIVED AT
AMATEUR STATION _____ PHONE _____
OWNER _____
STREET ADDRESS _____
CITY AND STATE _____

Greetings from North Carolina. I have this date issued a proclamation declaring the week of Nov. 17 thru 23 as Amateur Radio Week

Signed Robert W. Scott
Govenor of North Carolina

SENDER'S ADDRESS AND PHONE NUMBER FOR REFERENCE

	FROM STATION	LOCATED AT	DATE	TIME	OPERATOR
REC'D					
SENT	TO STATION				

YOUR REPLY TO THIS MESSAGE WILL BE HANDLED WITHOUT CHARGE BY THE RECEIVING STATION WHOSE ADDRESS IS SHOWN ABOVE. AMATEUR RADIO OPERATORS AND MEMBERS OF THE A.R.R.L. LICENSED BY THE FEDERAL COMMUNICATIONS COMMISSION, OFFER TO THE PUBLIC A MESSAGE SERVICE WITHIN THE U. S. A. AND ITS POSSESSIONS WHERE PRESENT. AS MESSAGES ARE HANDLED BY RADIO AMATEURS SOLELY FOR THE PLEASURE OF OPERATING, NO COMPENSATION CAN BE ACCEPTED BY A STATION OWNER. NO DELIVERY IS NOW GUARANTEED BY THE LEAGUE OR ITS MEMBER OPERATORS. AMATEURS ARE NOTED FOR THEIR WORK IN PUBLIC EMERGENCIES. FURTHER INFORMATION ON THIS INTERESTING HOBBY MAY BE OBTAINED DIRECTLY FROM A.R.R.L. HEADQUARTERS, NEWINGTON, CONN. U.S.A. — Pr. U. S. A.

State of North Carolina

EXECUTIVE DEPARTMENT

GOVERNOR ROBERT W. SCOTT

WHEREAS, Amateur Radio is an association of persons interested in the fascinating field of electronic communication who are constantly seeking by various means to improve their art; and

WHEREAS, Amateur Radio Operators perform many valuable volunteer services, from providing emergency communications in time of disaster to relaying needed medical information through their nets across the nation or around the world; and

WHEREAS, Amateur Radio Operators can, in addition to other important volunteer services, provide a means of direct communication between servicemen overseas and their families; and

WHEREAS, Amateur Radio provides a continuously ready source of technically oriented personnel for business, industry, and the military, thus helping assure our nation's preparedness; and

WHEREAS, it is fitting we should recognize the contributions Amateur Radio makes to our state and our nation;

THEREFORE, I proclaim November 17-23, 1969

AMATEUR RADIO WEEK IN NORTH CAROLINA

and commend this observance to our citizens.

By the Governor:

Robert W. Scott

Raleigh, North Carolina
November 7, 1969

1969

HAM RADIO WEEK IN NORTH CAROLINA
NOVEMBER 17 - 23, 1969

Friday November 7 at 11:30 a.m. the Governor of North Carolina, the Honorable Robert Scott, proclaimed the week of November 17-23 "HAM RADIO WEEK" in North Carolina. President Ed Alderman and numerous other members of the Raleigh Amateur Radio Society were present at the news conference as sponsors of the event. Dave Langley, W4YDY, handled net control from his QTH on 3920 kHz and Max Silvers operated Station W4OKR from the Capitol Building over which the Governor read the proclamation and then chatted briefly with five or six other amateur stations

throughout North Carolina. Press and TV coverage of the event was considerable. Calvin Dempsy, our SCM, was present for the occasion. All agreed that this was a wonderful boost for amateur radio in North Carolina. Special thanks are in order for President Ed Alderman and the Governor's Press Secretary, Mr. C.T. West, who together coordinated this fine project. All involved enjoyed the occasion immensely as well as the Governor who chewed the rag like an 'old timer.'

PROGRAM FOR DECEMBER RARS MEETING

ARRL Roanoke Division Director Victor C. Clark, W4KFC, will be the featured speaker at the next RARS club meeting on December 12th. He is very active on the bands, at hamfests and club meetings. He placed second in the ARRL International DX Contest for the W/VE contestants in the CW competition last winter with over 1.5 million points. He is a charter member of the Potamac Valley Radio Club and has served several terms as president, activities manager, and secretary. He was assistant director of the Roanoke Division for eighteen years before becoming director. Vic was Section Communications Manager of Arizona in 1937-1938 and of Virginia, 1950-1951. He was the first holder of the Hiram Percy Maxim award in 1937, when he was W6KFC in Arizona. Licensed since 1933, he's a former EC and a member of the A-1 Operator Club. And these are just a few of his accomplishments.

Vic wants to hear the views of all the hams in his division. He has indicated this many times in his timely and informative newsletters. If you want to get on his regular mailing list, write to him and give him your views on ARRL, incentive licensing, band conditions, and anything else you want him to know about concerning amateur radio. He votes at the ARRL board meetings with the information he has at hand. Pass the word and bring others along

VIC CLARK, W4KFC (left) with ARRL President BOB DENNISTON, WØDX at the recent Roanoke Division Convention.

NEXT MEETING

The next monthly meeting of the RARS will be held FRIDAY evening, December 12th at 7:30 PM. The meeting will be at the Civil Defense Headquarters in the basement of the North Carolina State Government Administrative Building on 116 West Jones street. Ample parking is available behind the building. Please enter through the back door. Everybody is welcome.

QRM FROM THE EDITOR

On November 22, 1969, the final phase of incentive licensing arrived. Now there are new band edges to watch out for. There will be more crowding on the phone bands. But that's if you hold a General Class license. The latest changes caused the Advanced Class no more loss of frequencies. The Extra Class just keep operating with the same bands as they have always had, but with less QRM. The easiest way to forget about band edges and QRM is to go for the higher class licenses. There has been a lot of gripping about incentive licensing, but if you held an Amateur Extra license, there wouldn't be anything to gripe about and with the Advanced license, there would be little to gripe about. Some Generals grumble about Extras and Advanced operating in the high ends of the band with them. Remember, the FCC gave them that privilege. It's not for the exclusive use of the Generals.

Take a positive approach, study a little, and enjoy almost QRM-free operating. Amateurs in the Raleigh area have a golden opportunity with the license upgrading classes every Wednesday night at CD headquarters conducted by Bob Johnson, W4CQJ. Bone up on the CW with day and night transmissions from W1AW. It may be hard work for some, but once the goal has been reached, the whole world looks better. There is a sense of accomplishment, not defeat.

W4YDY

STU MEYER PROMOTES 2 METER FM

On November 5th, Stu Meyer, W2GHK/4, spoke on some fundamentals of 2-meter FM equipment and came up with some good dos and don'ts of converting used commercial gear to amateur use. He demonstrated squelch action, frequency checks, and modulation measurements on a unit he had in operation. This was a very interesting subject, since the club is trying to establish a 2-meter FM repeater and a local network of fixed and mobile stations. Programs like this make the club meetings very worthwhile. Good work Stu.

AMATEUR RADIO WEEK AUDIO TAPE

When Governor Bob Scott proclaimed Amateur Radio week on 3920 kHz, an audio tape was made of the proclamation and his QSO with 6 amateurs in North Carolina. This tape is available for club meetings and other functions. Contact the Raleigh Amateur Radio Society for information on how to receive a copy.

MESSAGE FROM THE STATE DIRECTOR FOR CIVIL DEFENSE

Over the last 14 years in my association with the State Civil Defense Agency, I have been involved in many emergency situations in North Carolina which have ranged in extent from somewhat localized emergencies such as tornadoes, airplane crashes, fires and water shortages to hurricanes and other large-scale disasters affecting major portions of the State.

In every situation, the requirements for communications proved to be the most vital one to emergency operations and functions. The amateurs of the State have demonstrated conclusively the value of their vast and unique emergency communications potential.

As the State Director for Civil Defense in North Carolina, I have a very personal interest in the development of amateur radio and I want to pledge to the amateur of the State my continued wholehearted support and that of the Civil Defense Agency. It is my policy to work very closely with and for the total radio amateur effort in the State and to render all assistance at my disposal to help maintain the high standards of professional efficiency that has been demonstrated by this group on so many occasions.

In keeping with this policy, I have made the State Emergency Operating Center classroom available to radio amateurs for meetings and training sessions. We will assist in any other way possible.

I look forward with pleasure to working with this highly dedicated group and assure all that the Civil Defense Agency deeply appreciates the splendid public service the radio amateurs provide.

James W. Denning, State Director

INCENTIVE LICENSING AND AMATEUR RADIO WEEK

Incentive licensing became fully effective on November 22nd. It's also interesting to note that is was during Amateur Radio Week in North Carolina proclaimed by Governor Bob Scott on November 7th. He read the proclamation at 11:30 AM on 3920 kHz and then proceeded to ragchew for about ten minutes with six amateurs from Williamston to Morganton. Over 30 amateurs had called in on frequency in hopes of a QSO with the governor. But everyone just listened while the governor was operating and he had QRM-free conditions. They are to be highly commended. It was a great crowd for the middle of the day. Imagine what it would have been like if the event had occured at 7:30 PM!

AUSTRALIS-OSCAR 5

Amateur Radio's fifth satelite is due to go into orbit at most anytime and may already be up by the time you see this. It will transmit on 29.450 and 144.050 MHz, so most amateurs should be able to tune in. For tracking information, see October QST (page 54) and for the latest information, tune in the bulletins on W1AW.

ELECTION RESULTS PRESIDENT AND SECRETARY

Congradulations to President Ed Alderman and Secretary Bob Workman who have been re-elected for a new two-year term.

The Society By-laws state that a vote of 51 percent of the Full or voting membership shall be necessary to constitute a valid election of officers. As of the November 5th meeting, there were 44 Full members in the club. Twenty-five Full members were present at the meeting and twenty-four voted (approximately 55%) thus establishing a valid election. There was no opposition to either candidate. However the results point up the necessity of having as many voting members present as possible on election night in order to insure that the 51% mark is reached.

"Carolinas" CW NET

Since I have received almost no negative comment with respect to the proposal that NCN and SCN combine to form a single section net, I am going to proceed to make the changes and rearrangements that will be required -- such as choosing a net frequency, net manager, etc. If there is further comment from you, lets have it now before it is too late. This change, it is hoped, will benefit both State nets by making possible fewer missed nets and fill the gaps in 4RN representation.

The significance of the section net as the basic unit making up the NATIONAL TRAFFIC SYSTEM seems to have slipped away from most of us. Or, maybe it is the significance of the NATIONAL TRAFFIC SYSTEM which is being forgotten! The Service affiliated nets perform a needed function and by making a large amount of gear available (including gasoline driven power) have probably contributed to a higher total level of amateur activity, but it is regretable that at the same time a heavy drain is placed on the pool of operators and station-hours available for this volunteer activity. NTS nets cannot offer what amounts to a monetary inducement to attract check-ins as do the MARS nets. NTS nets can only offer the opportunity and satisfaction of contributing to the maintenance of a volunteer message service providing national coverage every day of the year.

73, John Huffman, W4IRE
RM North Carolina Section

QUALIFYING RUN AT DAYTIME

On December 10th, W1AW will transmit a morning qualifying run for the first time. For the amateurs that can't get at the night run, here's your chance. 7020 kHz is about the best frequency at that time. Go after that CW certificate or endorsement sticker and prepare for the Amateur Extra Class ticket at the same time.

MONTHLY TFC ON NCNE DURING THE PAST 16 MONTHS--

1968										1969				
JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
104	151	104	169	157	170	143	121	63	82	114	77	90	79	71	45

Suggestions anyone?

CITIES REP ON NCNE 4 TIMES OR MORE - 11

DUTY ROSTER

DAY	NCS	4RN REP	4RN NCS
MON	K4MC	W4EVN	W4EVN
TUE	WB4MQC	W4FMT	W4IRE
WED	W4IRE	WB4MQC	
THUR	W4RWL	W4NHT	(Anyone hear from "CV" lately?)
FRI	W4IRE	WB4HGT	
SAT	-----	W4IRE	
SUN	W4EVN	WB4MQC	

NORTH CAROLINA CW NET
OCTOBER 1969 REPORT

Total Sessions - 27	Total Net Time - 458	Total Tfc - 45
Total Check-ins 158	Avg Net Time - 17	Avg Tfc - 1.7
Average QNI - 6	Diff. Stns - 21	Message Rate 0.1

STATIONS QNI--

W4IRE	W4EVN	W4FMT	WB4GHK	WB4HGT	
K4CWZ	K4CPX	W4VTR	K4MC	WB4GAN	Out of State:
WA4QWQ	W4RWL	WB4ETF	WB4BGL	WB4MQC	W4LNM
W4JQO	W4ATC	W4WXZ/4	WB4KXL		W9CXY

TARHEEL EMERGENCY NET
NET REPORT FOR OCTOBER 1969

Total Sessions -	31		
Total QNI	1112	Average QNI	36
Total QTC	113	Average QTC	3.7
Total time	762 min.	Average time	24.5 min.
	Rate 0.149		

34 50% cities as follows:

Albemarle, Ashville, Badin, Bladenboro, Buies Creek, Canton, Charlotte, Chapel Hill, Concord, Eden, Farmville, Fayetteville, Fuquay-Varina, Gastonia, Greensboro, Greenville, Hamlet, Hickory, Jacksonville, Kinston, Laurinburg, Lenoir, Lumberton, Morganton, Newport, Norwood, Peachland, Plymouth, Ramseur, Rocky Mount, Selma, Tarboro, Wadesboro, Winston-Salem.

The Yadkin Valley ARC has started code classes again and the beginners are doing fine. The Yadkin Valley emergency net meets the first and third Tuesdays on 28.9 MHz. This frequency seems to be working OK. I think we will have a very good net after we do a little antenna work.

Clarence Blalock, K4EO
Secretary-Treasurer T.H.E.N.

WANTED

Looking for stable VFO for 80 and 40 meters. Anything that works. Paul Stroud, 606 Raleigh Street, Fuquay-Varina, N.C. 27526. Telephone 552-2837.

FOR SALE

Globe Chief transmitter (10 thru 80 meters) with Heath VFO. $25 K4VLI, Phone 828-4710.

FOR SALE

BC-610 with speech amplifier. Lee Johnson, WA4ZNA. Phone 876-2484.

QSL BUREAU

Do you have an envelope at the QSL bureau? You should. See November QST (page 48) for the correct address.

NET CHRISTMAS PARTY

The Coastal Carolina Emergency Net will hold their annual Christmas party at the Tomahawk Motel in Ahoskie, N.C. on December 6 and 7. There will be a banquet on Saturday night. This is a family party and everyone is invited.

NEWS ITEMS NEEDED

This is everyone's publication, so here is your chance to get your two-cents worth in. Send in news items, articles on technical subjects, want ad items, jokes, letters to the editor, happenings or projects at your shack, and anything that will be of interest to our readers. Bring them in to the club meetings or mail them to RARS, P.O. Box 12541, Raleigh, N.C. 27605. The deadline is the 10th of the month. With your help, we can have a better publication.

RARS MEMBERS PROVIDE COMMUNICATIONS SUPPORT

Carl Crumley, WB4MLI, Emergency Coordinator for Wake County, provided mobile radio support to a Lutheran sponsored march from Durham to Raleigh in response to a request from Mrs. Paula Grauers. The purpose of the march was to raise money for a new mini-park. A mobile was provided by Jim Johnson, W4JUG, and operated by Carl and Paul Stroud, WB4MQC. Jim Wilson, WB4HAL, and others provided fixed station support. The march lasted all day on November 12.

FIELD DAY 1969 RESULTS

See the November 1969 issue of QST (page 50). The results indicate that RARS placed 42nd nationally in the three transmitter class (Class A - Clubs and groups with more than two persons). Scores indicate that we were well within the competition. Let's work on our power multipliers and operating techniques and win next summer.